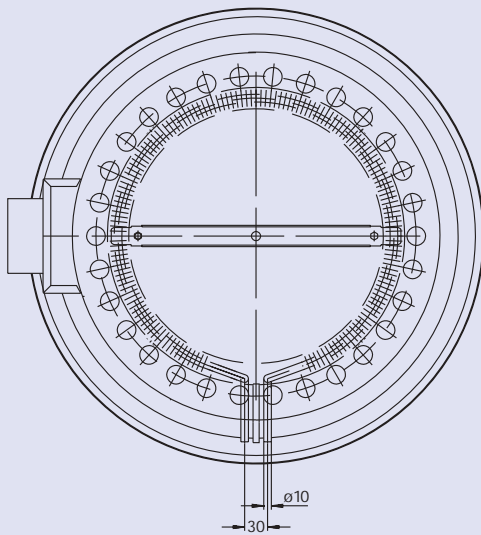
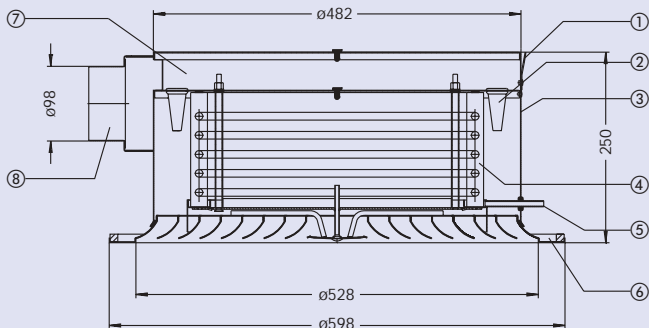


Dimensions



- ① Suspension brackets
- ② Induction nozzles
- ③ Casing
- ④ Heat exchanger (pipe Ø 10 mm)
- ⑤ Drainage pipe for condensate
- ⑥ Ceiling diffuser Type ADLR
- ⑦ Primary air duct
- ⑧ Connection spigot

Constructions

Circular ceiling-mounted induction diffuser with chilled element Type DID-R comprises a casing with a primary air duct and integral induction nozzles are circular with various free areas. A side entry circular spigot is provided for duct connection on site.

The induction nozzles are available in three different types, to provide optimum volume flow at the desired and required rate.

In the middle of the casing is a circular coil with flanged frame. Below the coil is a condensate tray with drainage pipe. The coil can be used for the heating or the cooling operation (two-pipe system).

For the induction of room air and discharge of the total volume flow the ceiling air diffuser Type ADLR-A is fitted underneath the coil by means of a centre screw and bridge section in the plenum box. The screw head can be covered with a decorative cap.

The mixing zone between the induction nozzle and the diffuser ensures even temperature of the supply air due to the intensive mixing of the primary and secondary air.

Suspension brackets are provided for on-site installation.

Materials

Galvanized sheet steel casing, plastic induction nozzles, copper pipe coil with aluminium fins and galvanized flanged frame, aluminium diffuser face.

The surface of the casing is stove-enamelled black (RAL 9005). the diffuser face is powder-coated white (RAL 9010) or, if requested, in another colour in the RAL range.

Max. operating pressure: 6 bar at 90° C
 7 bar at 20° C

Please inquire for other operating pressures!

As with all induction units, depending on the quality of the room, air pollution may occur.

If necessary the unit may be cleaned with ordinary, non-aggressive household cleaners.